

Checklist



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General

For the initial submission of manuscripts, all text and graphics must be collected in a single *.pdf or *.doc file (justification—manuscript (incl. graphics)—Supporting Information) and submitted through manuscriptXpress (http://www.manuscriptxpress.com/osm/). The MS Word templates available on our homepage should only be used for the initial submission of your contribution.

Order of the manuscript sections: title—author(s)—dedication—[*] footnote—abstract/lead-in (if applicable)—main text—Experimental Section—Acknowledgements—References—legends for Figures and Schemes—table(s)—biographical sketches (Reviews, Minireviews)—graphical material—suggestion for Table of Contents—keywords—Supporting Information (if applicable).

Please number all pages. This is particularly important for the referees.

Manuscript titles should be as succinct and accurate as possible and without a reference.

Greek letters are in the character font Symbol.

All references should be mentioned in the text.

Spelling may be British or American English, but consistency should be maintained within a manuscript. Authors are asked to make their manuscripts suitable for a heterogeneous readership and to be considerate to those readers for whom English is a foreign language—please use a simple, clear style, and avoid jargon.

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One Word file with all the text for the manuscript, including figure captions, tables, suggested text for the table of contents, and keywords, with all the graphics at the end of the same document.

Individual graphics files for all **graphics** in their original format for direct reproduction. Each formula, figure, and scheme should be saved as a separate file.

One Supporting Information file, if applicable, as a pdf. Please combine all these files into one "archive" (e.g. ZIP, TAR, or SIT) file. Under "Manuscript Description", in the field "Do you have any comments for the production office?", please list the graphics programs used for the manuscript and the names of the individual files (both text and graphics) contained in the "archive" file

Please prepare the final revised version of accepted manuscripts ("Production Material") as described in this checklist.

Please address these specific points to your manuscript

General

- Reviews: A lead-in (1000—1500 characters) is required. Please divide the Review into numbered sections with headings and subheadings. Please provide a biographical sketch (500—700 characters) and a portrait-quality black-and-white photograph of each correspondence author.
- Please provide a suggestion for a rectangular picture ("**frontispiece**") 18 cm in width by 19.5 cm in height to face the first page of the Review. Please note that a color frontispiece carries a charge of 495 Euros (including tax).
- Minireviews: A lead-in (1000 characters) is required. Please provide a biographical sketch (500—700 characters) and a portrait-quality black-and-white photograph of each correspondence author.
- **Concepts**: Please include a short **Abstract** (600–1000 characters) that succinctly describes the concepts under discussion.
- **Full Papers**: Please provide a brief, not too technical, Abstract (600–1000 characters), and an Introduction including relevant references. The presentation of Results and Discussion may be combined or kept separate.
- **Highlights and Communications**: Please do not divide up into sections.
- Author line: The first name, other initials, and surname of each author are listed, and the authors should be linked to an address in the footnote by means of references [a], [b], etc. An asterisk indicates each correspondence author.

- Addresses (footnote): The names of all authors (with academic title and all first names as initials) and the address (preferentially in the country's official language), fax number, and e-mail address(es) of the correspondence author(s) are listed. If the authors belong to different research groups, each group should be listed under [a], [b], etc., corresponding to the references [a], [b], etc., in the author line.
- Acknowledgements: For Communications, this also includes, if applicable, the series title and relevant series information. Example: Low-Yield Chemistry, Part 100. This work was supported by the Science and Research Foundation. We thank Dr. A. Smith, London, for the spectra and the XYZ company for chemicals. Part 99: Complete citation or if cited in text (and only then) reference to a citation in the list of references.
- The suggestion for the **table of contents** should contain a graphic (formula, figure, or scheme), accompanied by text that refers to the graphic of not more than 450 characters. Large figures and schemes must be avoided. The picture will be either placed to one side of the text (in which case it must fit into a column width and can be about as high as it is wide), or above the text across two columns (in which case it may be relatively long but should not be more than 2 cm high). A slightly higher, long scheme may be placed over two columns if accompanied by correspondingly less text.
- Please provide a **color picture** for the table of contents. This will be printed **free of charge**.
- A maximum of five **keywords** should be given in alphabetical order, at least two of which must come from the Basic Keyword List given on our homepage.
- Supporting Information: Succinct text in English and the necessary graphics must be submitted separately as *one* pdf file. The title of the article and all author names have to appear at the very top. Only in the Supporting Information the graphics should be incorporated with the text and not be present as separate files. The Supporting Information should not include crystallographic data that are available from CCDC or FIZ.
- All **Tables, Equations, Figures**, and **Schemes** are to be mentioned in the text in numerical order, and please start with number 1, e.g. Table 1; [Eq. (1)] or, in text, Equation (1); (Figure 1); (Scheme 1). Please start these words with a capital letter, and do not use Roman but Arabic numerals.
- Abbreviations and acronyms should be used sparingly and consistently. Where they first appear in the text, the complete term—apart from the most common terms such as NMR, IR, and *t*Bu—should also be given. In Review articles in which a number of abbreviations and acronyms occur, these can be explained in a footnote on the first page or in a glossary at the end.
- Crystallographic data for **organic and organometallic** compounds: Before submission of the manuscript, send your data including author and journal details in cif format as a plain-text ASCII file by e-mail to: deposit@ccdc.cam.ac.uk. The data will be assigned a registry number, which should be included with the following standard text in the manuscript: CCDC ... contains the supplementary crystallographic data for this paper. These data can be obtained free of charge from the Cambridge Crystallographic Data Centre via www.ccdc.cam.ac.uk/data_request/cif.
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Format

- Formula numbers should be in **boldface** (Arabic numerals and, if necessary, Roman lowercase letters). Please avoid Roman numerals.
- Please italicize letters that symbolize physical quantities, such as T for temperature, E for energy, n for an unspecific number. Latin phrases such as "in situ" are not italicized.
- Please italicize stereochemical information (*cis*, *Z*, *R*), locants in a compound name (*N*-acetylimidazole), symmetry and space groups ($C_{2\nu}$), and prefixes in formulas or compound names such as *tert*-butyl or *p*-aminosalicylic acid.
- Common abbreviations for formulas can be used, such as Me, Pr, Bu, and Ph. Only in this case are prefixes such as iso-, *n*-, *tert* written as a single italic letter without a dash: *i*Pr, *n*Bu, *t*Bu. Examples: *n*BuLi, but *n*-butyllithium; *t*BuLi, but *tert*-butyllithium; *n*Oct, but *n*-C₈H₁₇, *c*-C₆H₁₁.

- Please indicate general substituents by R^1 , R^2 , not by R_1 , R_2 .
- D- and L- (stereochemical assignments), molar (M), and normal (N), should be in **small capitals**.
- The oxidation state used with names of elements should be within parentheses; with element symbols it should be superscripted (iron(II), Fe^{II} ; not I(III) but I^{III}).
- Please enclose formulas for **coordination compounds** in square brackets (IUPAC recommendation).

Tables

- Tables should be provided with a **brief heading**.
- Tables must neither be created as graphics, nor contain line breaks within a cell.
- References to footnotes in tables are in Roman lowercase letters set in square brackets. E.g. Yield^[a]. [a].....
- Equations and structural formulas in tables should be submitted both integrated in the table and as a separate graphics file.

References

- Please type references to literature or footnotes in the text in **square brackets** as superscripts after any punctuation.
- Please type $^{[1,2]}$ rather than $^{[1],[2]}$.
- \blacksquare Please type [1-5] rather than [1,2,3,4,5].
- Please cite the references as follows: Citation number in square brackets, author initials then surnames, comma, Journal name abbreviated according to the "Chemical Abstracts Service Source Index" (italicized), year of publication (boldface), comma, volume number (italicized), comma, first page or page range, full stop or semicolon within a composite reference. Examples:

Journals:

- [1] a) H. J. Ache, *Angew. Chem.* **1989**, *101*, 1–21; *Angew. Chem. Int. Ed. Engl.* **1989**, *28*, 1–20; b) H. Frey, *Angew. Chem.* **1998**, *110*, 2313–2318; *Angew. Chem. Int. Ed.* **1998**, *37*, 2193–2197; c) G. M. Sheldrick, SHELXS-96, Program for the Solution of Crystal Structures, University of Göttingen, Göttingen (Germany), **1996**.
- [2] B. Wrackmeyer, *J. Chem. Soc. Chem. Commun.* **1995**, 1624–1626; A. Kraft, *Chem. Commun.* **1996**, 77–79, and references therein; S. C. Stinson, *Chem. Eng. News* **1998**, 76(28), 57–73; B. Krebs, H. U. Hürter, *Acta Crystallogr. Sect. A* **1981**, 37, 163; "Synthesis in Biochemistry": R. Robinson, *J. Chem. Soc.* **1936**, 1079; G. Eulenberger, *Z. Naturforsch. B* **1981**, 36, 521; D. Bruss, *Appl. Phys. B*, DOI: 10-1007/s003409900185.

Books.

- [1] E. Wingender, Gene Regulation in Eukaryotes, VCH, Weinheim, 1993, p. 215.
- [2] T. D. Tullius in *Comprehensive Supramolecular Chemistry, Vol. 5* (Eds.: J. L. Atwood, J. E. D. Davies, D. D. MacNicol, F. Vögtle, K. S. Suslick), Pergamon, Oxford, **1996**, pp. 317–343; G. Maas, *Methoden Org. Chem. (Houben-Weyl) 4th ed. 1952*–, Vol. E21/1, **1983**, pp. 379–397.

Others:

- [1] C. R. A. Botta (Bayer AG), DE-B 2235093, **1973**; A. Student, PhD thesis, University of Newcastle (UK), **1991**. [2] W.-D. Becker, *Abstr. Pap. 11th Conf. Int. Sci. Technol.* (San Diego, CA) **1996**, p. 156; A. Kleemann, K. Drauz, J. Engel, B. Kautscher, E. Wünsch, *Proc. 4th Akabori Conf.* (Shizuoka, Japan) **1991**, pp. 96–101; S. Novick, "Biography of Rotational Spectra for Weakly Bound Complexes" to be found under http://www-wesleyan.edu/chem.bios/vdw.html, **1999**.
- Please cite the author names in upper- and lowercase as follows: author initials then surnames, comma, next author. The penultimate and the last name should not be separated by "and", just by a comma.
- If there are **less than ten** authors, the names of **all authors should be given** ("et al." should not be used). If there are **ten authors or more**, only the name of the first author in the list should be given, the remaining names should be replaced by "et al.", and the **complete reference must be provided in the Supporting Information**. For example:
 - [17] Gaussian 98 (Revision A.9): M. J. Frisch et al., see Supporting Information.

In the Supporting Information,

Gaussian 98 (Revision A.7), M. J. Frisch, G. W. Trucks, H. B. Schlegel, G. E. Scuseria, M. A. Robb, J. R. Cheeseman, V. G. Zakrzewski, J. A. Montgomery, R. E. Stratmann, J. C. Burant, S. Dapprich, J. M. Millam, A. D. Daniels, K. N. Kudin, M. C. Strain, O. Farkas, J. Tomasi, V. Barone, M. Cossi, R. Cammi, B. Mennucci, C. Pomelli, C. Adamo, S. Clifford, J. Ochterski, G. A. Petersson, P. Y. Ayala, Q. Cui, K. Morokuma, D. K. Malick, A. D. Rabuck, K. Raghavachari, J. B. Foresman, J. Cioslowski, J. V. Ortiz, B. B. Stefanov, G. Liu, A. Liashenko, P. Piskorz, I. Komaromi, R. Gomperts, R. L. Martin, D. J. Fox, T. Keith, M. A. Al-Laham, C. Y. Peng, A. Nanayakkara, C. Gonzalez, M. Challacombe, P. M. W. Gill, B. G. Johnson, W. Chen, M. W. Wong, J. L. Andres, M. Head-Gordon, E. S. Replogle, J. A. Pople, Gaussian, Inc., Pittsburgh, PA, 1998.

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- Please separate composite references by a)...; b)...; c)...; etc. (not (a), (b), (c)). Please use a semicolon rather than a full stop.
- Please do not use commas within a journal name.
- In the **Reference Section** at the end of the manuscript, the citation numbers are listed in **square brackets** (but not as superscripts).
- Please add a full stop and a space after the abbreviations in the reference section. For example: *Proc. Natl. Acad. Sci. USA*.
- Please type Arabic numerals (e.g. 1,2, etc.) not Roman lowercase letters to indicate references.
- Please do not use "ibid".
- When citing publications from *Angewandte Chemie*, please quote both German and International Editions. The page numbers of the German version can be found in the annual index of the International Edition and vice versa. Example: [1] a) H. J. Ache, *Angew. Chem.* 1989, 101, 1–21; *Angew. Chem. Int. Ed. Engl.* 1989, 28, 1–20; b) H. Frey, *Angew. Chem.* 1998, 110, 2313–2318; *Angew. Chem. Int. Ed.* 1998, 37, 2193–2197.
- Please ensure that when using automatic reference programs (e.g. ENDNOTE) that Angewandte Chemie and Angewandte Chemie International Editions citations are indexed as **one** reference. Example: [1] H. J. Ache, Angew. Chem. **1989**, 101, 1–21; Angew. Chem. Int. Ed. Engl. **1989**, 28, 1–20.

Physical Data

- Data must be given in the Experimental Section, in a table, in the form of a footnote, or as Supporting Information.
- Data should be quoted with decimal points, not commas, and negative exponents (e.g. 25.8 J K⁻¹ mol⁻¹).
- Examples: m.p./b.p. 20°C; $[\alpha]_D^{20} = -13.5 \text{ cm}^3 \text{ g}^{-1} \text{ dm}^{-1} (c = 0.2 \text{ g cm}^{-3} \text{ in acetone}); {}^{1}\text{H NMR (200 MHz, } [D_8]\text{THF,} 25 °C, TMS): \delta=1.3 (q, <math>{}^{3}J(\text{H,H})=8 \text{ Hz, } 2\text{H; } C\text{H}_2), 0.9 \text{ ppm (t, } {}^{3}J(\text{H,H})=8 \text{ Hz, } 3\text{H; } C\text{H}_3); \text{ IR (Nujol): } \tilde{\nu}=1780 \text{ (s),} 1790 \text{ (m) cm}^{-1} \text{ (C=O); } \text{UV/Vis } (\textit{n-hexane}): \lambda_{\text{max}} (\varepsilon)=320 \text{ (5000), } 270 \text{ nm (12000); } \text{MS (70 eV): } \textit{m/z (\%): } 108 \text{ (20)} [\textit{M}^+], 107 \text{ (60) } [\textit{M}-\text{H}]^+, 91 \text{ (100) } [\text{C}_7\text{H}_7]^+. \text{ pH 2 or pH>2/pH<2, } \textbf{not pH=2}.$

Graphical material

Graphics are: Formulas (do not need a legend but an Arabic numeral / Roman lowercase letter, e.g. 1a, 22c)

Equations (without legend) Schemes (with a legend) Figures (with a legend).

We strive for uniform, easy-to-read graphics.

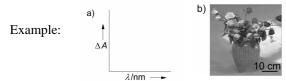
- **Preferred graphics programs**: ChemDraw (template available from http://www.chemsuschem.org), FreeHand, CorelDraw 6 and 7, Photoshop.
- Acceptable formats: TIFF, EPS, WMF, BMP, CDX, CDR.
- Unusable graphics programs: graphics integrated in word documents (doc files), C-Design, Origin, ClarisDraw, ChemIntosh, MacDraw Pro.
- **Restricted use**: ChemWindow, Illustrator, QuarkXPress, PowerPoint, PageMaker, ISIS-Draw.
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X	The resolution for raster figures (e.g. ORTEP representations) and for color figures must be at least 300 dpi. The
	resolution for stick diagrams in a bitmap format (*.bmp files) must be at least 1000 dpi.

- Minus signs should be longer than a hyphen.
- For structural formulas, the line width should be at least 0.2 pt or 0.1 mm (ChemDraw template available from our homepage).
- Please do not use upper and right-hand lines to connect the axes in diagrams.
- Please remove boxes/borders from around diagrams.
- Please try to use only **one font size and style** in any one diagram; "helvetica" or "arial" are preferred. Text above the arrow in a scheme may be a little smaller.
- Axis labels: Arrows must indicate the direction of the axes. The ordinate is labeled **perpendicular** to the axis. The axis labels contain a **standard abbreviation** for the physical quantity (e.g. A for absorbance, v for frequency, E for electromotive force, E_i for ionization energy) in italic font. If special abbreviations are used, please explain them in the legend. Units are separated by a slash (e.g. λ /nm, t/min, t/nm, t/mpm).

Example: ΔA

Please label figure parts consistently throughout the manuscript, either in upper- or lowercase letters, and either without parentheses or bracketed on the right-hand side (e.g. A, B, etc. or A), B), etc.). Please place these labels in the upper left corner of the respective figure partition but not inside the diagram or picture itself.



- Please transfer comprehensive experimental details and other information (e.g. bond lengths and angles) to the figure legend.
- \blacksquare Please italicize all the "n"s.
- Please use Roman lowercase letters or Arabic numerals with or without a bracket to indicate reaction sequences.

 Do not use i), ii)

 Example:

 or

 a

 a,b

 or

 a

 a,b

 or
- Common abbreviations such as Me, iPr, sBu, tBu, and Ph should be used; general substituents should be indicated by R^1 , R^2 (not by R_1 , R_2).
- Ideal size of symbols for elements, numbers: **3 mm** (writing above a reaction arrow may be a little smaller); formula numbers (always boldface): **3.5 mm**; interatomic bond lengths: **6 mm**; total maximum width: **14 cm** (or 29.5 cm). Other sizes, but following the proportions 3:3.5:6, are also acceptable.
- Please italicize the "a/x", "b/y", and "c/z" axis labels.
- Please do not write pH=x, but pH x.
- Please remove the circles surrounding "+" or "-".
- Please change "room temperature", "rt", or "r.t." to "RT".
- Insets in diagrams should be of a similar font and size as that in the main diagram.
- For equations, please put (only) the number of the equation at the end of the formula, e.g. $A+B\rightarrow C$ (1)
- Please avoid the use of capital letters in labels within figures and schemes.

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